



ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

ARIZONA

	ESTIMATED APRIL 1985 EMPLOYMENT	PERCENT OF APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	3,860	3.6	4,292	893
Financial Managers	153	.2	170	28
Personnel, Training, & Labor Relations Mgrs.	84	.1	92	16
Purchasing Managers	15	.0	16	1
Marketing, Advertising, & Public Rel. Mgrs.	49	.1	52	5
Administrative Services Managers	62	.1	67	8
Engineering, Math, & Natural Sciences Managers	23	.0	25	2
Education Administrators	2,414	2.2	2,693	626
Construction Managers	40	.0	42	2
Transportation, Communications, & Utilities Operations Managers	81	.1	88	8
Food Service & Lodging Managers	98	.1	108	19
General Managers & Top Executives	477	.4	531	98
All Other Managers & Administrators	364	.3	408	80
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	64,912	60.4	72,251	17,521
Management Support Occupations	1,377	1.3	1,508	263
Accountants & Auditors	189	.2	207	35
Budget Analysts	29	.0	32	4
All Other Financial Specialists	106	.1	115	20
Purchasing Agents, Exc. Wholesale, Retail, & Farm	101	.1	112	18
Personnel, Training, & Labor Rel. Specialists	156	.2	171	26
Construction & Building Inspectors	6	.0	7	1
All Other Management Support Workers	790	.7	864	159
Engineers & Related Occupations	230	.2	252	36
Engineers	86	.1	93	11
Engineering & Related Techs.	144	.1	159	25
Natural Scientists & Related Workers	944	.9	1,014	144
Physical Scientists	315	.3	338	40
Life Scientists	205	.2	220	37
Physical & Life Science Techs.	424	.4	456	67
Computer, Math, Research, & Related Occupations	443	.4	485	56
Systems Analysts, Electronic Data Processing	185	.2	202	21
Computer Programmers	202	.2	222	27
Computer Programmer Aides	52	.0	57	8
Mathematical Scientists	4	.0	4	0
Social, Recreational, & Related Occupations	690	.6	758	118
Urban & Regional Planners	4	.0	4	0
Psychologists	404	.4	449	69
All Other Social Scientists	171	.1	183	23
Social Workers, Exc. Medical & Psychiatric	111	.1	122	26
Teachers, Librarians, & Related Occupations	58,541	54.4	65,283	16,233
Nursing Instructors	301	.3	335	60
Graduate Assistants, Teaching	3,299	3.1	3,626	684
Life Science Teachers	965	.9	1,048	179
Chemistry Teachers	166	.2	185	32
Physics Teachers	122	.1	135	23
All Other Physical Science Teachers	141	.1	156	26
Social Science Teachers	915	.9	1,017	169
Health Specialties Teachers	214	.2	236	38
English & Foreign Language Teachers	688	.6	769	155
Art, Drama, & Music Teachers	522	.5	584	133
Engineering Teachers	729	.7	812	230
Mathematical Science Teachers	346	.3	387	63
Computer Science Teachers	217	.2	242	31
All Other Postsecondary Teachers	2,811	2.6	3,166	692
Teachers, Preschool & Kindergarten	990	.9	1,104	307

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ARIZONA (CONTD.)

	ESTIMATED APRIL 1985 EMPLOYMENT	PERCENT OF APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	TOTAL JOB OPENINGS 1985-1989
Teachers, Elementary School	19,727	18.3	22,077	6,356
Teachers, Secondary School	10,851	10.1	12,140	2,717
Teachers, Special Education	3,840	3.6	4,299	1,228
Teachers & Instructors, Voc. Ed. & Training	5,392	5.0	5,972	1,434
Instructors, Nonvocational Education	648	.6	714	129
Instructors & Coaches, Sports & Physical Trng.	441	.4	487	85
Farm & Home Management Advisors	71	.1	76	13
All Other Teachers & Instructors	1,874	1.7	2,073	607
Librarians, Professional	833	.8	926	277
Technical Assistants, Library	241	.2	264	77
Audio-Visual Specialists	118	.1	129	26
Vocational & Educational Counselors	965	.9	1,077	232
Instructional Coordinators	425	.4	474	85
Teacher Aides, Paraprofessional	689	.6	773	145
Health Practitioners, Technicians, & Related	2,009	1.9	2,202	537
Speech Pathologists & Audiologists	250	.2	275	59
Registered Nurses	723	.7	806	232
Licensed Practical Nurses	91	.1	100	30
Dietitians & Nutritionists	12	.0	13	1
All Other Health Professionals, Paraprofessionals, & Technicians	933	.9	1,008	215
Writers, Artists, Athletes, & Related	678	.6	749	134
Writers & Editors	75	.1	81	16
Athletes, Coaches, Umpires, & Related Workers	144	.1	163	30
All Other Professional, Paraprofessional, & Technical Workers	459	.4	505	88
SALES & RELATED OCCUPATIONS	673	.6	742	168
Other Sales Representatives, Exc. Retail	74	.0	82	17
Salespersons, Retail	97	.1	105	14
Cashiers	341	.3	376	103
All Other Sales & Related Workers	161	.1	179	34
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	17,959	16.7	20,018	5,489
First Line Supers. & Manager/Supervisors	486	.5	534	104
Industry Specific Clerical & Admin. Support	7,187	6.7	8,083	2,217
Library Assistants & Bookmobile Drivers	785	.7	874	160
Teacher Aides & Ed. Assistants, Clerical	6,402	6.0	7,209	2,057
General Office Occupations	8,327	7.7	9,245	2,853
Secretaries	4,406	4.1	4,901	1,596
Stenographers	130	.1	140	39
Receptionists & Information Clerks	147	.1	163	42
Typists	588	.5	648	218
Typists, Word Processing Equipment	139	.1	153	32
Personnel Clerks, Exc. Payroll & Timekeeping	81	.1	89	27
Correspondence Clerks	6	.0	6	0
File Clerks	76	.1	84	26
Bookkeeping, Accounting, & Auditing Clerks	825	.8	916	249
Payroll & Timekeeping Clerks	112	.1	126	27
Billing, Cost & Rate Clerks	51	.1	55	13
General Office Clerks	1,766	1.6	1,964	584
Office Machine Operators	348	.3	378	58
Billing, Posting, & Calculating Machine Opers.	3	.0	3	0
Duplicating Machine Operators	30	.0	32	6
Computer Operators, Exc. Peripheral Equipment	132	.1	144	21
Peripheral EDP Equipment Operators	15	.0	17	4
Data Entry Keyers, Exc. Composing	160	.2	174	26
All Other Office Machine Operators	8	.0	8	1

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ARIZONA (CONTD.)

	ESTIMATED APRIL 1985 EMPLOYMENT	PERCENT OF APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	TOTAL JOB OPENINGS 1985-1989
Communications & Message Distribution	180	.2	198	52
Switchboard Operators	130	.1	143	41
Mail Clerks, Exc. Mail Machine Operators & Postal Service	50	.1	55	11
Material Distribution & Recording Occupations	569	.5	628	105
Stock Clerks - Stockroom, Warehouse, or Yard	265	.2	295	50
Traffic, Shipping, & Receiving Clerks	116	.1	126	18
All Other Material Recording/Scheduling/Dist.	188	.2	207	37
All Other Clerical & Administrative Support	862	.8	952	100
SERVICE OCCUPATIONS	13,251	12.3	14,761	3,817
First Line Supers. & Mgrs./Supers. - Service	888	.8	986	271
Protective Service Occupations	1,882	1.7	2,078	552
Crossing Guards	525	.5	578	274
Guards & Watch Guards	403	.4	450	57
All Other Protective Service Workers	954	.9	1,050	221
Food & Beverage Service Occupations	4,245	3.9	4,740	1,224
Dining Room/Cafeteria Attends. & Bartdr. Helpers	614	.6	675	88
Counter Attendants - Lunchroom, Coffee Shop, & Cafeteria	1,552	1.4	1,734	533
Cooks, Institution or Cafeteria	748	.7	845	208
Food Preparation Workers	1,100	1.0	1,230	330
All Other Food Service Workers	231	.2	256	65
Health Services and Related Occupations	125	.1	137	34
Nursing Aides, Orderlies, & Attendants	125	.1	137	34
Cleaning & Building Services Occupations	4,761	4.4	5,323	1,278
Maids & Housekeeping Cleaners	21	.0	23	6
Janitors & Cleaners, Exc. Maids & Housekeeping	4,686	4.3	5,239	1,258
All Other Cleaning/Building Service, Exc. Private House	54	.1	61	14
Personal Service Occupations	504	.5	560	194
Child Care Workers	504	.5	560	194
All Other Service Occupations	846	.8	937	264
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	584	.5	649	144
Gardeners & Groundskeepers, Exc. Farm	502	.4	560	128
All Other Agri., Forestry, Fishing, & Related	82	.1	89	16
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	6,298	5.9	7,025	1,245
First Line Supervisors & Managers - Prod. & Rel.	334	.3	368	62
First Line Managers/Supervisors - Mechanics/ Installers/Repairers	183	.2	201	34
First Line Managers/Supervisors - Construction Trades & Extraction Workers	38	.0	42	7
All Other First Line Managers/Supervisors - Maintenance/Production/Construction	113	.1	125	21
Inspectors & Related Occupations	5	.0	5	0
Mechanics, Installers, & Repairers	1,523	1.4	1,703	260
Maintenance Repairers, General Utility	826	.7	934	155
Automotive Mechanics	89	.1	98	12
Bus & Truck Mechs., & Diesel Eng. Specialists	205	.2	230	31
All Other Mechanics, Installers, & Repairers	403	.4	441	62

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EDUCATIONAL SERVICES

ARIZONA (CONTD.)

	ESTIMATED APRIL 1985 EMPLOYMENT	PERCENT OF APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	TOTAL JOB OPENINGS 1985-1989
Construction Trades & Extraction	542	.5	598	91
Carpenters	136	.1	150	24
Electricians	131	.1	145	20
Painters & Paperhangers - Construction & Maintenance	114	.1	125	20
Plumbers, Pipefitters, & Steamfitters	94	.1	103	14
All Other Construction & Extraction Workers, Exc. Helpers	67	.1	75	13
Precision Production Occupations	117	.1	128	17
Machine Setters, Operatives, & Tenders	70	.1	77	9
Hand Working, Inc. Assemblers & Fabricators	39	.0	43	6
Plant & System Occupations	55	.1	61	10
Transportation & Material Moving	2,817	2.6	3,161	635
Truck Drivers, Light - Incl. Delivery & Route	98	.1	106	11
Bus Drivers, School	2,624	2.4	2,950	610
All Other Transportation & Related Workers	64	.1	71	11
Industrial Truck & Tractor Operators	20	.0	22	2
All Other Material Moving Equipment Operators	11	.0	12	1
Helpers, Laborers, & Material Movers, Hand	796	.7	881	155
TOTAL OF ALL OCCUPATIONS	107,537	100.0	119,738	29,277

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

APACHE COUNTY

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	152	175	23	15	38
Financial Managers	5	5	0	0	0
Personnel, Training, & Labor Relations Mgrs.	1	1	0	0	0
Administrative Services Managers	4	5	1	0	1
Engineering, Math, & Natural Sciences Managers	6	7	1	0	1
Education Administrators	91	105	14	13	27
Construction Managers	1	1	0	0	0
Transportation, Communications, & Utilities Operations Managers	2	2	0	0	0
Food Service & Lodging Managers	8	10	2	0	2
General Managers & Top Executives	12	13	1	1	2
All Other Managers & Administrators	22	26	4	1	5
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	1,265	1,463	198	186	384
Accountants & Auditors	7	8	1	0	1
All Other Financial Specialists	2	2	0	0	0
Purchasing Agents, Exc. Wholesale, Retail, & Farm	1	1	0	0	0
Personnel, Training, & Labor Rel. Specialists	2	2	0	0	0
All Other Management Support Workers	7	8	1	0	1
Systems Analysts, Electronic Data Processing	2	2	0	0	0
Computer Programmers	3	3	0	0	0
Psychologists	8	9	1	0	1
Social Workers, Exc. Medical & Psychiatric	6	7	1	0	1
Nursing Instructors	5	6	1	0	1
Graduate Assistants, Teaching	21	24	3	2	5
Life Science Teachers	8	9	1	0	1
Social Science Teachers	10	12	2	0	2
Health Specialties Teachers	4	5	1	0	1
English & Foreign Language Teachers	7	8	1	0	1
Mathematical Science Teachers	5	6	1	0	1
Computer Science Teachers	1	1	0	0	0
All Other Postsecondary Teachers	7	8	1	0	1
Teachers, Preschool & Kindergarten	17	20	3	3	6
Teachers, Elementary School	455	527	72	93	165
Teachers, Secondary School	396	459	63	52	115
Teachers, Special Education	78	90	12	15	27
Teachers & Instructors, Voc. Ed. & Training	17	20	3	2	5
Instructors, Nonvocational Education	20	23	3	2	5
Instructors & Coaches, Sports & Physical Trng.	5	5	0	0	0
Librarians, Professional	22	25	3	4	7
Technical Assistants, Library	5	6	1	1	2
Audio-Visual Specialists	1	1	0	0	0
Vocational & Educational Counselors	45	52	7	5	12
Instructional Coordinators	26	30	4	1	5
Teacher Aides, Paraprofessional	2	2	0	0	0
Speech Pathologists & Audiologists	3	3	0	0	0
Registered Nurses	11	13	2	2	4
Licensed Practical Nurses	4	5	1	1	2
Dietitians & Nutritionists	4	5	1	0	1
All Other Health Professionals, Paraprofessionals, & Technicians	5	6	1	0	1
Athletes, Coaches, Umpires, & Related Workers	29	34	5	2	7
All Other Professional, Paraprofessional, & Technical Workers	14	16	2	1	3
SALES & RELATED OCCUPATIONS	7	7	0	0	0
Salespersons, Retail	4	4	0	0	0
Cashiers	3	3	0	0	0
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	618	714	96	113	209
First Line Supers.-Clerical & Admin. Support	10	11	1	0	1
Library Assistants & Bookmobile Drivers	18	21	3	1	4

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

APACHE COUNTY (CONTD.)

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Teacher Aides & Ed. Assistants, Clerical Secretaries	335	388	53	66	119
Receptionists & Information Clerks	110	127	17	27	44
Typists	3	3	0	0	0
Personnel Clerks, Exc. Payroll & Timekeeping	4	5	1	1	2
File Clerks	2	2	0	0	0
Bookkeeping, Accounting, & Auditing Clerks	2	2	0	0	0
Payroll & Timekeeping Clerks	39	45	6	7	13
General Office Clerks	7	8	1	1	2
Duplicating Machine Operators	41	47	6	8	14
Computer Operators, Exc. Peripheral Equipment	1	1	0	0	0
Switchboard Operators	3	3	0	0	0
Stock Clerks - Stockroom, Warehouse, or Yard	9	11	2	2	4
Traffic, Shipping, & Receiving Clerks	4	5	1	0	1
All Other Material Recording/Scheduling/Dist.	1	1	0	0	0
All Other Clerical & Administrative Support	9	10	1	0	1
	20	24	4	0	4
SERVICE OCCUPATIONS	430	499	69	67	136
First Line Supers. & Mgrs./Supers. - Service	13	15	2	2	4
Guards & Watch Guards	22	26	4	0	4
All Other Protective Service Workers	6	7	1	0	1
Counter Attendants - Lunchroom, Coffee Shop, & Cafeteria	22	26	4	4	8
Cooks, Institution or Cafeteria	89	103	14	14	28
Food Preparation Workers	84	97	13	15	28
All Other Food Service Workers	4	4	0	0	0
Nursing Aides, Orderlies, & Attendants	6	7	1	1	2
Janitors & Cleaners, Exc. Maids & Housekeeping	133	154	21	20	41
Child Care Workers	18	21	3	5	8
All Other Service Workers	33	39	6	6	12
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	16	18	2	2	4
Gardeners & Groundskeepers, Exc. Farm	14	16	2	2	4
All Other Agri., Forestry, Fishing, & Related	2	2	0	0	0
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	225	259	34	20	54
First Line Managers/Supervisors - Mechanics/Installers/Repairers	7	8	1	0	1
First Line Managers/Supervisors - Construction					
Trades & Extraction Workers	1	1	0	0	0
All Other First Line Managers/Supervisors - Maintenance/Production/Construction	2	2	0	0	0
Maintenance Repairers, General Utility	31	36	5	2	7
Bus & Truck Mechs., & Diesel Eng. Specialists	6	7	1	0	1
All Other Mechanics, Installers, & Repairers	1	1	0	0	0
Carpenters	2	2	0	0	0
Electricians	2	2	0	0	0
Plumbers, Pipefitters, & Steamfitters	2	2	0	0	0
Machine Setters, Operatives, & Tenders	7	8	1	0	1
Bus Drivers, School	152	176	24	17	41
Helpers, Laborers, & Material Movers, Hand	12	14	2	1	3
TOTAL OF ALL OCCUPATIONS	2,713	3,135	422	403	825

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

COCHISE COUNTY

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	124	143	19	14	33
Financial Managers	4	5	1	0	1
Personnel, Training, & Labor Relations Mgrs.	2	2	0	0	0
Administrative Services Managers	3	3	0	0	0
Education Administrators	97	112	15	13	28
Transportation, Communications, & Utilities Operations Managers	1	1	0	0	0
Food Service & Lodging Managers	1	1	0	0	0
General Managers & Top Executives	12	14	2	1	3
All Other Managers & Administrators	4	5	1	0	1
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	1,810	2,094	284	282	566
Accountants & Auditors	6	6	0	0	0
Purchasing Agents, Exc. Wholesale, Retail, & Farm	2	2	0	0	0
Personnel, Training, & Labor Rel. Specialists	1	1	0	0	0
Systems Analysts, Electronic Data Processing	4	4	0	0	0
Computer Programmers	1	1	0	0	0
Computer Programmer Aides	1	1	0	0	0
Psychologists	12	14	2	0	2
All Other Social Scientists	1	1	0	0	0
Nursing Instructors	10	12	2	1	3
Chemistry Teachers	3	3	0	0	0
Physics Teachers	3	3	0	0	0
All Other Physical Science Teachers	6	7	1	0	1
Social Science Teachers	10	12	2	0	2
Health Specialties Teachers	10	12	2	0	2
English & Foreign Language Teachers	28	32	4	3	7
Art, Drama, & Music Teachers	4	5	1	0	1
Engineering Teachers	12	14	2	2	4
Mathematical Science Teachers	4	5	1	0	1
Computer Science Teachers	3	3	0	0	0
All Other Postsecondary Teachers	365	423	58	44	102
Teachers, Preschool & Kindergarten	49	57	8	10	18
Teachers, Elementary School	681	789	108	139	247
Teachers, Secondary School	293	339	46	39	85
Teachers, Special Education	94	109	15	19	34
Teachers & Instructors, Voc. Ed. & Training	19	22	3	3	6
Instructors & Coaches, Sports & Physical Trng.	21	24	3	2	5
Librarians, Professional	31	36	5	6	11
Audio-Visual Specialists	2	2	0	0	0
Vocational & Educational Counselors	33	38	5	3	8
Instructional Coordinators	10	12	2	1	3
Teacher Aides, Paraprofessional	43	50	7	4	11
Speech Pathologists & Audiologists	10	12	2	1	3
Registered Nurses	23	26	3	4	7
All Other Health Professionals, Paraprofessionals, & Technicians	3	3	0	0	0
All Other Professional, Paraprofessional, & Technical Workers	12	14	2	1	3
SALES & RELATED OCCUPATIONS	9	10	1	1	2
Salespersons, Retail	1	1	0	0	0
Cashiers	8	9	1	1	2
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	464	532	68	89	157
First Line Supers.-Clerical & Admin. Support	2	2	0	0	0
Library Assistants & Bookmobile Drivers	14	17	3	1	4
Teacher Aides & Ed. Assistants, Clerical	200	232	32	39	71
Secretaries	145	168	23	36	59
Typists	22	25	3	6	9
Typists, Word Processing Equipment	1	1	0	0	0
Personnel Clerks, Exc. Payroll & Timekeeping	4	4	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

COCHISE COUNTY (CONTD.)

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Bookkeeping, Accounting, & Auditing Clerks	12	13	1	1	2
Payroll & Timekeeping Clerks	7	8	1	1	2
General Office Clerks	25	28	3	5	8
Duplicating Machine Operators	1	1	0	0	0
Computer Operators, Exc. Peripheral Equipment	5	5	0	0	0
Data Entry Keyers, Exc. Composing	2	2	0	0	0
Switchboard Operators	4	4	0	0	0
Mail Clerks, Exc. Mail Machine Operators & Postal Service	1	1	0	0	0
Stock Clerks - Stockroom, Warehouse, or Yard	7	8	1	0	1
Traffic, Shipping, & Receiving Clerks	2	2	0	0	0
All Other Clerical & Administrative Support	10	11	1	0	1
SERVICE OCCUPATIONS	289	332	43	43	86
First Line Supers. & Mgrs./Supers. - Service	12	14	2	2	4
Crossing Guards	1	1	0	0	0
Guards & Watch Guards	20	23	3	0	3
Counter Attendants - Lunchroom, Coffee Shop, & Cafeteria	20	23	3	4	7
Cooks, Institution or Cafeteria	41	47	6	6	12
Food Preparation Workers	55	63	8	10	18
All Other Food Service Workers	8	9	1	1	2
Janitors & Cleaners, Exc. Maids & Housekeeping	132	152	20	20	40
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	20	24	4	2	6
Gardeners & Groundskeepers, Exc. Farm	20	24	4	2	6
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	222	255	33	15	48
First Line Managers/Supervisors - Mechanics/ Installers/Repairers	4	4	0	0	0
All First Line Managers/Supervisors - Maintenance/Production/Construction	12	14	2	1	3
Maintenance Repairers, General Utility	67	77	10	4	14
Automotive Mechanics	1	1	0	0	0
Bus & Truck Mch's., & Diesel Eng. Specialists	10	12	2	0	2
All Other Mechanics, Installers, & Repairers	9	10	1	0	1
Carpenters	2	2	0	0	0
Electricians	2	2	0	0	0
Painters & Paperhangers - Construction & Maintenance	2	2	0	0	0
Plumbers, Pipefitters, & Steamfitters	1	1	0	0	0
Machine Setters, Operatives, & Tenders	4	5	1	0	1
Truck Drivers, Light - Incl. Delivery & Route	2	2	0	0	0
Bus Drivers, School	95	110	15	10	25
All Other Transportation & Related Workers	1	1	0	0	0
Helpers, Laborers, & Material Movers, Hand	10	12	2	0	2
TOTAL OF ALL OCCUPATIONS	2,938	3,390	452	446	898

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

COCONINO COUNTY

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	175	200	25	18	43
Financial Managers	7	8	1	0	1
Personnel, Training, & Labor Relations Mgrs.	1	1	0	0	0
Purchasing Managers	1	1	0	0	0
Marketing, Advertising, & Public Rel. Mgrs.	1	1	0	0	0
Administrative Services Managers	6	7	1	0	1
Engineering, Math, & Natural Sciences Manager.	6	7	1	0	1
Education Administrators	110	127	17	16	33
Construction Managers	3	3	0	0	0
Transportation, Communications, & Utilities Operations Managers	2	2	0	0	0
Food Service & Lodging Managers	3	3	0	0	0
General Managers & Top Executives	9	10	1	0	1
All Other Managers & Administrators	26	30	4	2	6
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	2,517	2,912	395	354	749
Accountants & Auditors	15	17	2	1	3
Budget Analysts	3	3	0	0	0
Purchasing Agents, Exc. Wholesale, Retail, & Farm	6	7	1	0	1
Personnel, Training, & Labor Rel. Specialists	5	6	1	0	1
All Other Management Support Workers	40	47	7	4	11
Engineers	6	7	1	0	1
Engineering & Related Techs.	1	1	0	0	0
Physical & Life Science Techs.	2	2	0	0	0
Systems Analysts, Electronic Data Processing	21	24	3	0	3
Computer Programmers	6	7	1	0	1
Mathematical Scientists	2	2	0	0	0
Psychologists	12	13	1	0	1
All Other Social Scientists	3	3	0	0	0
Social Workers, Exc. Medical & Psychiatric	7	8	1	0	1
Nursing Instructors	14	16	2	1	3
Graduate Assistants, Teaching	194	225	31	21	52
Life Science Teachers	46	53	7	4	11
Chemistry Teachers	11	13	2	1	3
Physics Teachers	8	9	1	0	1
All Other Physical Science Teachers	26	30	4	2	6
Social Science Teachers	53	61	8	4	12
Health Specialist Teachers	11	13	2	1	3
English & Foreign Language Teachers	58	67	9	6	15
Art, Drama, & Music Teachers	32	37	5	4	9
Engineering Teachers	36	42	6	7	13
Mathematical Science Teachers	28	32	4	2	6
All Other Postsecondary Teachers	525	608	83	64	147
Teachers, Preschool & Kindergarten	30	35	5	6	11
Teachers, Elementary School	632	732	100	129	229
Teachers, Secondary School	308	357	49	41	90
Teachers, Special Education	104	120	16	21	37
Instructors & Coaches, Sports & Physical Trng.	2	2	0	0	0
All Other Teachers & Instructors	25	29	4	5	9
Librarians, Professional	32	37	5	7	12
Technical Assistants, Library	26	30	4	6	10
Audio-Visual Specialists	4	4	0	0	0
Vocational & Educational Counselors	45	52	7	5	12
Instructional Coordinators	25	29	4	2	6
Teacher Aides, Paraprofessional	13	15	2	0	2
Speech Pathologists & Audiologists	11	13	2	1	3
Registered Nurses	21	25	4	4	8
All Other Health Professionals, Paraprofessionals, & Technicians	15	18	3	1	4
Writers & Editors	3	3	0	0	0
Athletes, Coaches, Umpires, & Related Workers	25	29	4	2	6
All Other Professional, Paraprofessional, & Technical Workers	25	29	4	2	6

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

COCONINO COUNTY (CONTD.)

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
SALES & RELATED OCCUPATIONS	20	24	4	3	7
Salespersons, Retail	4	5	1	0	1
Cashiers	16	19	3	3	6
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	747	864	117	141	258
First Line Supers.-Clerical & Admin. Support	16	19	3	1	4
Library Assistants & Bookmobile Drivers	10	11	1	0	1
Teacher Aides & Ed. Assistants, Clerical	325	376	51	64	115
Secretaries	211	244	33	53	86
Receptionists & Information Clerks	4	5	1	0	1
Typists	1	1	0	0	0
Typists, Word Processing Equipment	7	8	1	1	2
Personnel Clerks, Exc. Payroll & Timekeeping	3	3	0	0	0
File Clerks	18	21	3	4	7
Bookkeeping, Accounting, & Auditing Clerks	43	50	7	8	15
Payroll & Timekeeping Clerks	6	7	1	0	1
Billing, Cost & Rate Clerks	1	1	0	0	0
General Office Clerks	23	27	4	4	8
Duplicating Machine Operators	2	2	0	0	0
Computer Operators, Exc. Peripheral Equipment	8	9	1	0	1
Peripheral EDP Equipment Operators	5	6	1	1	2
Data Entry Keyers, Exc. Composing	4	5	1	0	1
All Other Office Machine Operators	1	1	0	0	0
Switchboard Operators	11	13	2	3	5
Mail Clerks, Exc. Mail Machine Operators & Postal Service	6	7	1	1	2
Stock Clerks - Stockroom, Warehouse, or Yard	19	22	3	1	4
Traffic, Shipping, & Receiving Clerks	1	1	0	0	0
All Other Material Recording/Scheduling/Dist.	3	3	0	0	0
All Other Clerical & Administrative Support	19	22	3	0	3
SERVICE OCCUPATIONS	412	478	66	66	132
First Line Supers. & Mgrs./Supers. - Service	10	12	2	2	4
Crossing Guards	3	3	0	1	1
Guards & Watch Guards	19	22	3	0	3
All Other Protective Service Workers	11	13	2	1	3
Counter Attendants - Lunchroom, Coffee Shop, & Cafeteria	89	103	14	20	34
Cooks, Institution or Cafeteria	16	19	3	2	5
Food Preparation Workers	1	1	0	0	0
All Other Food Service Workers	2	2	0	0	0
Nursing Aides, Orderlies, & Attendants	3	3	0	0	0
Janitors & Cleaners, Exc. Maids & Housekeeping	232	269	37	35	72
All Other Service Workers	26	31	5	5	10
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	18	21	3	2	5
Gardeners & Groundskeepers, Exc. Farm	18	21	3	2	5
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	311	358	47	19	66
First Line Managers/Supervisors - Mechanics/Installers/Repairers	7	8	1	0	1
First Line Managers/Supervisors - Construction Trades & Extraction Workers	7	8	1	0	1
All Other First Line Managers/Supervisors - Maintenance/Production/Construction	8	9	1	0	1
Inspectors & Related Occupations	1	1	0	0	0
Maintenance Repairers, General Utility	57	66	9	3	12
Automotive Mechanics	8	9	1	0	1
Bus & Truck Mechs., & Diesel Eng. Specialists	13	15	2	0	2
All Other Mechanics, Installers, & Repairers	5	5	0	0	0
Carpenters	7	8	1	0	1
Electricians	8	9	1	0	1
Painters & Paperhangers - Construction & Maintenance	6	7	1	0	1

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

COCONINO COUNTY (CONTD.)

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Plumbers, Pipefitters, & Steamfitters	5	6	1	0	1
All Other Construction & Extraction Workers, Exc. Helpers	14	16	2	1	3
Precision Production Occupations	2	2	0	0	0
Machine Setters, Operatives, & Tenders	5	6	1	0	1
Hand Working, Inc. Assemblers & Fabricators	1	1	0	0	0
Plant & System Occupations	10	12	2	1	3
Truck Drivers, Light - Incl. Delivery & Route	10	11	1	0	1
Bus Drivers, School	136	158	22	14	36
Helpers, Laborers, & Material Movers, Hand	1	1	0	0	0
TOTAL OF ALL OCCUPATIONS	4,200	4,857	657	603	1,260

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

GILA COUNTY

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	35	40	5	4	9
Financial Managers	1	1	0	0	0
Education Administrators	21	24	3	3	6
Transportation, Communications, & Utilities Operations Managers	2	2	0	0	0
General Managers & Top Executives	11	13	2	1	3
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	593	684	91	93	184
Accountants & Auditors	1	1	0	0	0
Psychologists	3	3	0	0	0
Social Workers, Exc. Medical & Psychiatric	1	1	0	0	0
Teachers, Preschool & Kindergarten	4	5	1	0	1
Teachers, Elementary School	247	286	39	50	89
Teachers, Secondary School	252	292	40	33	73
Teachers, Special Education	33	38	5	6	11
Teachers & Instructors, Voc. Ed. & Training	6	7	1	0	1
Instructors & Coaches, Sports & Physical Trng.	2	2	0	0	0
Librarians, Professional	13	15	2	2	4
Technical Assistants, Library	2	2	0	0	0
Vocational & Educational Counselors	12	14	2	1	3
Instructional Coordinators	2	2	0	0	0
Teacher Aides, Paraprofessional	1	1	0	0	0
Speech Pathologists & Audiologists	7	8	1	1	2
Registered Nurses	3	3	0	0	0
All Other Health Professionals, Paraprofessionals, & Technicians	3	3	0	0	0
All Other Professional, Paraprofessional, & Technical Workers	1	1	0	0	0
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	174	199	25	31	56
First Line Supers.-Clerical & Admin. Support	3	3	0	0	0
Library Assistants & Bookmobile Drivers	3	3	0	0	0
Teacher Aides & Ed. Assistants, Clerical	114	132	18	22	40
Secretaries	32	37	5	8	13
Bookkeeping, Accounting, & Auditing Clerks	8	9	1	1	2
Payroll & Timekeeping Clerks	1	1	0	0	0
General Office Clerks	3	3	0	0	0
Computer Operators, Exc. Peripheral Equipment	2	2	0	0	0
Switchboard Operators	3	3	0	0	0
Stock Clerks - Stockroom, Warehouse, or Yard	4	5	1	0	1
All Other Clerical & Administrative Support	1	1	0	0	0
SERVICE OCCUPATIONS	134	154	20	20	40
First Line Supers. & Mgrs./Supers. - Service	3	3	0	0	0
Guards & Watch Guards	3	3	0	0	0
Counter Attendants - Lunchroom, Coffee Shop, & Cafeteria	28	32	4	6	10
Cooks, Institution or Cafeteria	16	19	3	2	5
Food Preparation Workers	9	10	1	1	2
Janitors & Cleaners, Exc. Maids & Housekeeping	75	87	12	11	23
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	75	86	11	6	17
First Line Managers/Supervisors - Mechanics/ Installers/Repairers	1	1	0	0	0
First Line Managers/Supervisors - Construction Trades & Extraction Workers	1	1	0	0	0
All Other First Line Managers/Supervisors - Maintenance/Production/Construction	2	2	0	0	0
Maintenance Repairers, General Utility	16	19	3	1	4
Bus & Truck Mechs., & Diesel Eng. Specialists	3	3	0	0	0
Bus Drivers, School	51	59	8	5	13
Helpers, Laborers, & Material Movers, Hand	1	1	0	0	0
TOTAL OF ALL OCCUPATIONS	1,011	1,163	152	154	306

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

GRAHAM COUNTY

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	44	50	6	3	9
Financial Managers	6	7	1	0	1
Administrative Services Managers	1	1	0	0	0
Education Administrators	22	25	3	3	6
Construction Managers	1	1	0	0	0
General Managers & Top Executives	6	7	1	0	1
All Other Managers & Administrators	8	9	1	0	1
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	464	536	72	62	134
Accountants & Auditors	6	7	1	0	1
Computer Programmer Aides	3	3	0	0	0
Psychologists	1	1	0	0	0
Nursing Instructors	2	2	0	0	0
Chemistry Teachers	4	5	1	0	1
Physics Teachers	4	5	1	0	1
All Other Physical Science Teachers	5	6	1	0	1
Social Science Teachers	9	9	1	0	1
Health Specialties Teachers	1	1	0	0	0
English & Foreign Language Teachers	11	13	2	1	3
Art, Drama, & Music Teachers	36	42	6	5	11
Engineering Teachers	31	36	5	6	11
Mathematical Science Teachers	5	6	1	0	1
Computer Science Teachers	5	6	1	0	1
All Other Postsecondary Teachers	33	38	5	4	9
Teachers, Preschool & Kindergarten	9	10	1	1	2
Teachers, Elementary School	129	149	20	26	16
Teachers, Secondary School	60	69	9	8	17
Teachers, Special Education	33	38	5	6	11
Teachers & Instructors, Voc. Ed. & Training	17	20	3	2	5
Instructors & Coaches, Sports & Physical Trng.	13	15	2	0	2
Librarians, Professional	7	8	1	1	2
Audio-Visual Specialists	1	1	0	0	0
Vocational & Educational Counselors	8	10	2	0	2
Instructional Coordinators	1	1	0	0	0
Teacher Aides, Paraprofessional	14	16	2	1	3
Speech Pathologists & Audiologists	2	2	0	0	0
Registered Nurses	5	6	1	1	2
Writers & Editors	1	1	0	0	0
All Other Health Professionals, Paraprofessionals, & Technicians	9	10	1	0	1
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	111	127	16	20	36
First Line Supers.-Clerical & Admin. Support	1	1	0	0	0
Library Assistants & Bookmobile Drivers	5	6	1	0	1
Teacher Aides & Ed. Assistants, Clerical	61	71	10	12	22
Secretaries	35	40	5	8	13
Receptionists & Information Clerks	1	1	0	0	0
Bookkeeping, Accounting, & Auditing Clerks	1	1	0	0	0
Payroll & Timekeeping Clerks	1	1	0	0	0
General Office Clerks	2	2	0	0	0
Computer Operators, Exc. Peripheral Equipment	1	1	0	0	0
All Other Clerical & Administrative Support	3	3	0	0	0
SERVICE OCCUPATIONS	75	88	13	8	21
First Line Supers. & Mgrs./Supers. - Service	8	10	2	0	2
Crossing Guards	2	2	0	0	0
Guards & Watch Guards	4	5	1	0	1
Cooks, Institution or Cafeteria	14	16	2	2	4
Food Preparation Workers	23	27	4	4	8
Maids & Housekeeping Cleaners	1	1	0	0	0
Janitors & Cleaners, Exc. Maids & Housekeeping	23	27	4	2	6
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	7	8	1	0	1
Gardeners & Groundskeepers, Exc. Farm	7	8	1	0	1

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

GRAHAM COUNTY (CONTD.)

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	56	64	8	3	11
First Line Managers/Supervisors - Construction					
Trades & Extraction Workers	1	1	0	0	0
All Other First Line Managers/Supervisors -					
Maintenance/Production/Construction	6	7	1	0	1
Maintenance Repairers, General Utility	14	16	2	0	2
Bus & Truck Mechs., & Diesel Eng. Specialists	3	3	0	0	0
Carpenters	1	1	0	0	0
Painters & Paperhangers - Construction &					
Maintenance	1	1	0	0	0
Bus Drivers, School	30	35	5	3	8
TOTAL OF ALL OCCUPATIONS	757	873	116	96	212

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

GREENLEE COUNTY

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	16	18	2	1	3
Financial Managers	3	3	0	0	0
Education Administrators	10	12	2	1	3
General Managers & Top Executives	3	3	0	0	0
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	167	191	24	25	49
Psychologists	2	2	0	0	0
Teachers, Preschool & Kindergarten	6	7	1	1	2
Teachers, Elementary School	72	83	11	14	25
Teachers, Secondary School	47	54	7	6	13
Teachers, Special Education	23	27	4	4	8
Teachers & Instructors, Voc. Ed. & Training	3	3	0	0	0
Instructors & Coaches, Sports & Physical Trng.	2	2	0	0	0
Librarians, Professional	2	2	0	0	0
Vocational & Educational Counselors	3	3	0	0	0
Teacher Aides, Paraprofessional	2	2	0	0	0
Speech Pathologists & Audiologists	1	1	0	0	0
Registered Nurses	4	5	1	0	1
SALES & RELATED OCCUPATIONS	1	1	0	0	0
Cashiers	1	1	0	0	0
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	44	50	6	6	12
Teacher Aides & Ed. Assistants, Clerical	25	29	4	4	8
Secretaries	11	13	2	2	4
Bookkeeping, Accounting, & Auditing Clerks	3	3	0	0	0
Payroll & Timekeeping Clerks	2	2	0	0	0
General Office Clerks	1	1	0	0	0
Stock Clerks - Stockroom, Warehouse, or Yard	1	1	0	0	0
All Other Clerical & Administrative Support	1	1	0	0	0
SERVICE OCCUPATIONS	34	39	5	3	8
First Line Supers. & Mgrs./Supers. - Service	2	2	0	0	0
Guards & Watch Guards	1	1	0	0	0
Cooks, Institution or Cafeteria	6	7	1	0	1
Food Preparation Workers	4	5	1	0	1
Janitors & Cleaners, Exc. Maids & Housekeeping	21	24	3	3	6
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	39	45	6	1	7
All Other First Line Managers/Supervisors -					
Maintenance/Production/Construction	3	3	0	0	0
Maintenance Repairers, General Utility	12	14	2	0	2
Bus & Truck Mechs., & Diesel Eng. Specialists	2	2	0	0	0
Bus Drivers, School	12	14	2	1	3
Helpers, Laborers, & Material Movers, Hand	10	12	2	0	2
TOTAL OF ALL OCCUPATIONS	301	344	43	36	79

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ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

LA PAZ COUNTY

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	17	19	2	1	3
Financial Managers	1	1	0	0	0
Administrative Services Managers	1	1	0	0	0
Education Administrators	12	14	2	1	3
Transportation, Communications, & Utilities Operations Managers	1	1	0	0	0
General Managers & Top Executives	2	2	0	0	0
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	173	198	25	27	52
All Management Support Workers	1	1	0	0	0
Psychologists	1	1	0	0	0
Teachers, Preschool & Kindergarten	11	13	2	2	4
Teachers, Elementary School	79	91	12	16	28
Teachers, Secondary School	46	53	7	6	13
Teachers, Special Education	18	21	3	3	6
Farm & Home Management Advisors	2	2	0	0	0
Librarians, Professional	2	2	0	0	0
Vocational & Educational Counselors	2	2	0	0	0
Instructional Coordinators	2	2	0	0	0
Teacher Aides, Paraprofessional	7	8	1	0	1
Speech Pathologists & Audiologists	1	1	0	0	0
All Other Health Professionals, Paraprofessionals, & Technicians	1	1	0	0	0
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	89	102	13	16	29
Library Assistants & Bookmobile Drivers	2	2	0	0	0
Teacher Aides & Ed. Assistants, Clerical	58	67	9	11	20
Secretaries	17	20	3	4	7
Bookkeeping, Accounting, & Auditing Clerks	8	9	1	1	2
General Office Clerks	3	3	0	0	0
All Material Recording/Scheduling/Dist.	1	1	0	0	0
SERVICE OCCUPATIONS	58	66	8	5	13
First Line Supers. & Mgrs./Supers. - Service	3	3	0	0	0
Crossing Guards	1	1	0	0	0
Dining Room/Cafeteria Attndts. & Bartdr. Helpers	11	13	2	0	2
Counter Attendants - Lunchroom, Coffee Shop, & Cafeteria	5	6	1	1	2
Cooks, Institution or Cafeteria	8	9	1	1	2
Food Preparation Workers	5	6	1	0	1
Janitors & Cleaners, Exc. Maids & Housekeeping	22	25	3	3	6
All Other Service Workers	3	3	0	0	0
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	1	1	0	0	0
Gardeners & Groundskeepers, Exc. Farm	1	1	0	0	0
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	46	53	7	3	10
All Other First Line Managers/Supervisors - Maintenance/Production/Construction	2	2	0	0	0
Maintenance Repairers, General Utility	10	12	2	0	2
Bus & Truck Mechs., & Diesel Eng. Specialists	1	1	0	0	0
Truck Drivers, Light - Incl. Delivery & Route	2	2	0	0	0
Bus Drivers, School	31	36	5	3	8
TOTAL OF ALL OCCUPATIONS	384	439	55	52	107

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

MARICOPA COUNTY

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	1,848	2,054	206	237	443
Financial Managers	71	79	8	9	17
Personnel, Training, & Labor Relations Mgrs.	61	68	7	7	14
Purchasing Managers	9	10	1	0	1
Marketing, Advertising, & Public Rel. Mgrs.	25	27	2	2	4
Administrative Services Managers	32	35	3	3	6
Engineering, Math, & Natural Sciences Managers	5	5	0	0	0
Education Administrators	992	1,104	112	147	259
Construction Managers	21	23	2	0	2
Transportation, Communications, & Utilities Operations Managers	48	53	5	1	6
Food Service & Lodging Managers	67	75	8	9	17
General Managers & Top Executives	286	318	32	32	64
All Other Managers & Administrators	231	257	26	27	53
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	36,117	40,194	4,077	5,941	10,018
Accountants & Auditors	74	82	8	9	17
Budget Analysts	16	18	2	1	3
All Other Financial Specialists	47	52	5	5	10
Purchasing Agents, Exc. Wholesale, Retail, & Farm	63	71	8	6	14
Personnel, Training, & Labor Rel. Specialists	111	123	12	9	21
Construction & Building Inspectors	5	6	1	0	1
All Other Management Support Workers	247	275	28	28	56
Engineers	20	22	2	1	3
Engineering & Related Techs.	125	139	14	10	24
Life Scientists	1	1	0	0	0
Physical & Life Science Techs.	14	16	2	1	3
Systems Analysts, Electronic Data Processing	82	91	9	2	11
Computer Programmers	117	131	14	5	19
Computer Programmer Aides	22	25	3	1	4
Urban & Regional Planners	2	2	0	0	0
Psychologists	247	275	28	19	47
All Other Social Scientists	1	1	0	0	0
Social Workers, Exc. Medical & Psychiatric	54	60	6	9	15
Nursing Instructors	172	191	19	17	36
Graduate Assistants, Teaching	1,655	1,842	187	180	367
Life Science Teachers	177	197	20	18	38
Chemistry Teachers	93	104	11	9	20
Physics Teachers	57	63	6	6	12
All Other Physical Science Teachers	46	51	5	4	9
Social Science Teachers	534	594	60	42	102
Health Specialties Teachers	54	60	6	4	10
English & Foreign Language Teachers	349	388	39	40	79
Art, Drama, & Music Teachers	276	307	31	39	70
Engineering Teachers	364	405	41	75	116
Mathematical Science Teachers	193	215	22	15	37
Computer Science Teachers	114	127	13	4	17
All Other Postsecondary Teachers	1,223	1,361	138	148	286
Teachers, Preschool & Kindergarten	491	546	55	99	154
Teachers, Elementary School	11,343	12,625	1,282	2,304	3,586
Teachers, Secondary School	6,330	7,045	715	835	1,550
Teachers, Special Education	2,815	3,133	318	568	886
Teachers & Instructors, Voc. Ed. & Training	4,115	4,581	466	660	1,126
Instructors, Nonvocational Education	149	165	16	14	30
Instructors & Coaches, Sports & Physical Trng.	184	204	20	18	38
All Other Teachers & Instructors	1,384	1,541	157	304	461
Librarians, Professional	418	465	47	97	144
Technical Assistants, Library	114	126	12	27	39
Audio-Visual Specialists	76	84	8	13	21
Vocational & Educational Counselors	505	563	58	69	127
Instructional Coordinators	301	335	34	29	63
Teacher Aides, Paraprofessional	329	366	37	32	69

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

MARICOPA COUNTY (CONTD.)

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Speech Pathologists & Audiologists	119	132	13	19	32
Registered Nurses	376	418	42	81	123
Licensed Practical Nurses	64	71	7	16	23
Dietitians & Nutritionists	2	2	0	0	0
All Other Health Professionals, Paraprofessionals, & Technicians	106	118	12	16	28
Writers & Editors	38	42	4	5	9
Athletes, Coaches, Umpires, & Related Workers	86	96	10	7	17
All Other Professional, Paraprofessional, & Technical Workers	217	241	24	21	45
SALES & RELATED OCCUPATIONS	433	482	49	66	115
Other Sales Representatives, Exc. Retail	58	65	7	8	15
Salespersons, Retail	47	52	5	4	9
Cashiers	179	199	20	38	58
All Other Sales & Related Workers	149	166	17	16	33
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	9,896	11,011	1,115	1,902	3,017
First Line Supers.-Clerical & Admin. Support	244	271	27	31	58
Library Assistants & Bookmobile Drivers	525	584	59	53	112
Teacher Aides & Ed. Assistants, Clerical	3,567	3,970	403	698	1,101
Secretaries	1,972	2,195	223	498	721
Stenographers	31	34	3	7	10
Receptionists & Information Clerks	110	123	13	23	36
Typists	366	407	41	101	142
Typists, Word Processing Equipment	96	106	10	13	23
Personnel Clerks, Exc. Payroll & Timekeeping	48	54	6	13	19
Correspondence Clerks	3	3	0	0	0
File Clerks	27	30	3	7	10
Bookkeeping, Accounting, & Auditing Clerks	364	405	41	75	116
Payroll & Timekeeping Clerks	53	60	7	8	15
Billing, Cost & Rate Clerks	6	6	0	0	0
General Office Clerks	1,342	1,493	151	301	452
Billing, Posting, & Calculating Machine Ops.	3	3	0	0	0
Duplicating Machine Operators	21	23	2	4	6
Computer Operators, Exc. Peripheral Equipment	79	88	9	7	16
Peripheral EDP Equipment Operators	9	10	1	1	2
Data Entry Keyers, Exc. Composing	74	82	8	6	14
All Other Office Machine Operators	1	1	0	0	0
Switchboard Operators	41	46	5	10	15
Mail Clerks, Exc. Mail Machine Operators & Postal Service	19	21	2	2	4
Stock Clerks - Stockroom, Warehouse, or Yard	152	169	17	15	32
Traffic, Shipping, & Receiving Clerks	66	73	7	5	12
All Other Material Recording/Scheduling/Dist.	148	165	17	17	34
All Other Clerical & Administrative Support	529	589	60	7	67
SERVICE OCCUPATIONS	7,420	8,256	836	1,370	2,206
First Line Supers. & Mgrs./Supers. - Service	539	600	61	111	172
Crossing Guards	373	415	42	161	203
Guards & Watch Guards	227	252	25	8	33
All Other Protective Service Workers	519	577	58	70	128
Dining Room/Cafeteria Atttds. & Bartdr. Helpers	351	390	39	16	55
Counter Attendants - Lunchroom, Coffee Shop, & Cafeteria	788	876	88	180	268
Cooks, Institution or Cafeteria	328	365	37	51	88
Food Preparation Workers	590	657	67	111	178
All Other Food Service Workers	203	226	23	38	61
Nursing Aides, Orderlies, & Attendants	28	31	3	5	8
Maids & Housekeeping Cleaners	13	14	1	3	4
Janitors & Cleaners, Exc. Maids & Housekeeping	2,383	2,653	270	364	634
All Other Cleaning/Building Service, Exc. Private House	49	55	6	7	13

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

MARICOPA COUNTY (CONTD.)

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Child Care Workers	450	501	51	124	175
All Other Service Workers	579	644	65	121	186
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	253	282	29	38	67
Gardeners & Groundskeepers, Exc. Farm	248	276	28	38	66
All Other Agri., Forestry, Fishing, & Related	5	6	1	0	1
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	3,146	3,501	355	282	637
First Line Managers/Supervisors - Mechanics/ Installers/Repairers	122	135	13	14	27
First Line Managers/Supervisors - Construction Trades & Extraction Workers	17	19	2	2	4
All Other First Line Managers/Supervisors - Maintenance/Production/Construction	34	38	4	4	8
Maintenance Repairers, General Utility	336	374	38	22	60
Automotive Mechanics	48	54	6	2	8
Bus & Truck Mechs., & Diesel Eng. Specialists	75	83	8	4	12
All Other Mechanics, Installers, & Repairers	203	226	23	13	36
Carpenters	75	84	9	7	16
Electricians	76	85	9	5	14
Painters & Paperhangers - Construction & Maintenance	71	79	8	7	15
Plumbers, Pipefitters, & Steamfitters	53	59	6	3	9
All Other Construction & Extraction Workers, Exc. Helpers	28	31	3	2	5
Precision Production Occupations	57	64	7	3	10
Machine Setters, Operatives, & Tenders	31	34	3	1	4
Hand Working, Inc. Assemblers & Fabricators	31	35	4	2	6
Plant & System Occupations	20	22	2	1	3
Truck Drivers, Light - Incl. Delivery & Route	46	51	5	2	7
Bus Drivers, School	1,172	1,304	132	130	262
All Other Transportation & Related Workers	47	52	5	4	9
Industrial Truck & Tractor Operators	3	3	0	0	0
All Other Material Moving Equipment Operators	11	12	1	0	1
Helpers, Laborers, & Material Movers, Hand	590	657	67	54	121
TOTAL OF ALL OCCUPATIONS	59,113	65,780	6,667	9,836	16,503

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

MOHAVE COUNTY

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	95	108	13	9	22
Financial Managers	6	6	0	0	0
Personnel, Training, & Labor Relations Mgrs.	3	3	0	0	0
Marketing, Advertising, & Public Rel. Mgrs.	2	2	0	0	0
Administrative Services Managers	1	1	0	0	0
Education Administrators	62	72	10	8	18
Construction Managers	2	2	0	0	0
Transportation, Communications, & Utilities Operations Managers	1	1	0	0	0
General Managers & Top Executives	18	21	3	1	4
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	815	942	127	130	257
Accountants & Auditors	3	3	0	0	0
All Other Management Support Workers	10	11	1	0	1
Psychologists	11	13	2	0	2
Nursing Instructors	3	3	0	0	0
All Physical Science Teachers	3	3	0	0	0
Social Science Teachers	5	6	1	0	1
Health Specialties Teachers	2	2	0	0	0
English & Foreign Language Teachers	8	9	1	0	1
Art, Drama, & Music Teachers	5	6	1	0	1
Mathematical Science Teachers	5	6	1	0	1
Computer Science Teachers	12	14	2	0	2
All Other Postsecondary Teachers	13	15	2	1	3
Teachers, Preschool & Kindergarten	33	38	5	6	11
Teachers, Elementary School	396	459	63	81	144
Teachers, Secondary School	170	197	27	22	49
Teachers, Special Education	70	81	11	14	25
Teachers & Instructors, Voc. Ed. & Training	6	7	1	0	1
Instructors, Nonvocational Education	1	1	0	0	0
Librarians, Professional	8	9	1	1	2
Technical Assistants, Library	1	1	0	0	0
Audio-Visual Specialists	1	1	0	0	0
Vocational & Educational Counselors	20	23	3	2	5
Instructional Coordinators	2	2	0	0	0
Teacher Aides, Paraprofessional	4	5	1	0	1
Speech Pathologists & Audiologists	6	7	1	0	1
Registered Nurses	16	19	3	3	6
All Other Health Professionals, Paraprofessionals, & Technicians	1	1	0	0	0
SALES & RELATED OCCUPATIONS	1	1	0	0	0
Salespersons, Retail	1	1	0	0	0
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	325	374	49	62	111
Library Assistants & Bookmobile Drivers	11	13	2	1	3
Teacher Aides & Ed. Assistants, Clerical	189	219	30	37	67
Secretaries	72	83	11	17	28
Receptionists & Information Clerks	3	3	0	0	0
Typists	7	8	1	1	2
Correspondence Clerks	1	1	0	0	0
Bookkeeping, Accounting, & Auditing Clerks	4	5	1	0	1
Payroll & Timekeeping Clerks	1	1	0	0	0
General Office Clerks	28	32	4	6	10
Data Entry Keyers, Exc. Composing	2	2	0	0	0
Switchboard Operators	2	2	0	0	0
Stock Clerks - Stockroom, Warehouse, or Yard	2	2	0	0	0
All Other Clerical & Administrative Support	3	3	0	0	0
SERVICE OCCUPATIONS	177	204	27	27	54
First Line Supers. & Mgrs./Supers. - Service	4	5	1	0	1
Crossing Guards	3	3	0	1	1
All Other Protective Service Workers	13	15	2	1	3

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

MOHAVE COUNTY (CONTD.)

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Counter Attendants - Lunchroom, Coffee Shop, & Cafeteria	36	42	6	8	14
Cooks, Institution or Cafeteria	15	17	2	2	4
Food Preparation Workers	3	3	0	0	0
All Other Food Service Workers	1	1	0	0	0
Nursing Aides, Orderlies, & Attendants	3	3	0	0	0
Janitors & Cleaners, Exc. Maids & Housekeeping	99	115	16	15	31
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	105	120	15	7	22
First Line Managers/Supervisors - Mechanics/ Installers/Repairers	3	3	0	0	0
Maintenance Repairers, General Utility	17	20	3	0	3
Bus & Truck Mechs., & Diesel Eng. Specialists	9	10	1	0	1
All Other Mechanics, Installers, & Repairers	3	3	0	0	0
Carpenters	3	3	0	0	0
Electricians	1	1	0	0	0
Painters & Paperhangers - Construction & Maintenance	1	1	0	0	0
Truck Drivers, Light - Incl. Delivery & Route	1	1	0	0	0
Bus Drivers, School	67	78	11	7	18
TOTAL OF ALL OCCUPATIONS	1,518	1,749	231	235	466

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

NAVAJO COUNTY

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	95	108	13	9	22
Financial Managers	7	8	1	0	1
Marketing, Advertising, & Public Rel. Mgrs.	1	1	0	0	0
Education Administrators	66	76	10	9	19
Construction Managers	1	1	0	0	0
Transportation, Communications, & Utilities Operations Managers	2	2	0	0	0
Food Service & Lodging Managers	1	1	0	0	0
General Managers & Top Executives	9	10	1	0	1
All Other Managers & Administrators	8	9	1	0	1
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	1,139	1,313	174	190	364
Accountants & Auditors	2	2	0	0	0
All Other Financial Specialists	1	1	0	0	0
Purchasing Agents, Exc. Wholesale, Retail, & Farm	1	1	0	0	0
All Other Management Support Workers	4	4	0	0	0
Psychologists	3	3	0	0	0
Social Workers, Exc. Medical & Psychiatric	2	2	0	0	0
Chemistry Teachers	1	1	0	0	0
Physics Teachers	1	1	0	0	0
All Other Physical Science Teachers	2	2	0	0	0
Social Science Teachers	3	3	0	0	0
Health Specialties Teachers	1	1	0	0	0
English & Foreign Language Teachers	5	6	1	0	1
Art, Drama, & Music Teachers	2	2	0	0	0
Engineering Teachers	4	5	1	0	1
Mathematical Science Teachers	2	2	0	0	0
Computer Science Teachers	2	2	0	0	0
All Other Postsecondary Teachers	86	100	14	10	24
Teachers, Preschool & Kindergarten	14	16	2	2	4
Teachers, Elementary School	505	585	80	103	183
Teachers, Secondary School	243	281	38	32	70
Teachers, Special Education	88	102	14	17	31
Teachers & Instructors, Voc. Ed. & Training	24	28	4	3	7
Instructors, Nonvocational Education	3	3	0	0	0
Instructors & Coaches, Sports & Physical Trng.	12	14	2	1	3
All Other Teachers & Instructors	52	60	8	11	19
Librarians, Professional	22	25	3	5	8
Technical Assistants, Library	1	1	0	0	0
Audio-Visual Specialists	4	5	1	0	1
Vocational & Educational Counselors	25	28	3	3	6
Instructional Coordinators	2	2	0	0	0
Teacher Aides, Paraprofessional	3	3	0	0	0
Speech Pathologists & Audiologists	2	2	0	0	0
Registered Nurses	16	19	3	3	6
All Other Health Professionals, Paraprofessionals, & Technicians	1	1	0	0	0
SALES & RELATED OCCUPATIONS	2	2	0	0	0
Salespersons, Retail	1	1	0	0	0
Cashiers	1	1	0	0	0
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	501	579	78	89	167
First Line Supers.-Clerical & Admin. Support	7	8	1	0	1
Library Assistants & Bookmobile Drivers	31	36	5	2	7
Teacher Aides & Ed. Assistants, Clerical	289	335	46	57	103
Secretaries	86	100	14	21	35
Receptionists & Information Clerks	1	1	0	0	0
Typists	2	2	0	0	0
Typists, Word Processing Equipment	4	5	1	0	1
Personnel Clerks, Exc. Payroll & Timekeeping	1	1	0	0	0
Bookkeeping, Accounting, & Auditing Clerks	18	21	3	3	6

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

NAVAJO COUNTY (CONTD.)

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Payroll & Timekeeping Clerks	5	6	1	0	1
General Office Clerks	31	36	5	6	11
Duplicating Machine Operators	1	1	0	0	0
Computer Operators, Exc. Peripheral Equipment	2	2	0	0	0
Switchboard Operators	2	2	0	0	0
Stock Clerks - Stockroom, Warehouse, or Yard	3	3	0	0	0
Traffic, Shipping, & Receiving Clerks	3	3	0	0	0
All Other Material Recording/Scheduling/Dist.	2	2	0	0	0
All Other Clerical & Administrative Support	13	15	2	0	2
SERVICE OCCUPATIONS	275	318	43	44	87
First Line Supers. & Mgrs./Supers. - Service	20	23	3	4	7
Crossing Guards	1	1	0	0	0
Guards & Watch Guards	6	7	1	0	1
Cooks, Institution or Cafeteria	44	51	7	7	14
Food Preparation Workers	70	81	11	13	24
Nursing Aides, Orderlies, & Attendants	5	6	1	1	2
Janitors & Cleaners, Exc. Maids & Housekeeping	129	149	20	19	39
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	11	13	2	1	3
Gardeners & Groundskeepers, Exc. Farm	11	13	2	1	3
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	220	254	34	18	52
First Line Managers/Supervisors - Mechanics/ Installers/Repairers	2	2	0	0	0
All Other First Line Managers/Supervisors - Maintenance/Production/Construction	9	10	1	1	2
Maintenance Repairers, General Utility	76	88	12	5	17
Bus & Truck Mechs., & Diesel Eng. Specialists	18	21	3	1	4
Electricians	4	5	1	0	1
Machine Setters, Operatives, & Tenders	1	1	0	0	0
Truck Drivers, Light - Incl. Delivery & Route	2	2	0	0	0
Bus Drivers, School	108	125	17	11	28
TOTAL OF ALL OCCUPATIONS	2,243	2,587	344	351	695

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

PIMA COUNTY

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	884	948	64	113	177
Financial Managers	24	26	2	2	4
Personnel, Training, & Labor Relations Mgrs.	10	11	1	1	2
Purchasing Managers	3	3	0	0	0
Marketing, Advertising, & Public Rel. Mgrs.	13	14	1	0	1
Administrative Services Managers	9	9	0	0	0
Engineering, Math & Natural Sciences Managers	5	5	0	0	0
Education Administrators	694	746	52	102	154
Construction Managers	7	7	0	0	0
Transportation, Communications, & Utilities Operations Managers	20	22	2	0	2
Food Service & Lodging Managers	12	12	0	0	0
General Managers & Top Executives	47	50	3	4	7
All Other Managers & Administrators	40	43	3	4	7
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	14,817	15,910	1,093	2,108	3,201
Accountants & Auditors	56	60	4	7	11
Budget Analysts	9	10	1	0	1
All Other Financial Specialists	55	59	4	6	10
Purchasing Agents, Exc. Wholesale, Retail, & Farm	20	22	2	1	3
Personnel, Training, & Labor Rel. Specialists	36	38	2	2	4
Construction & Building Inspectors	1	1	0	0	0
All Other Management Support Workers	451	484	33	52	85
Engineers	60	64	4	3	7
Engineers & Related Techs.	17	18	1	0	1
Physical Scientists	315	338	23	17	40
Life Scientists	204	219	15	22	37
Physical & Life Science Techs.	406	436	30	34	64
Systems Analysts, Electronic Data Processing	70	75	5	2	7
Computer Programmers	67	72	5	2	7
Computer Programmer Aides	24	26	2	2	4
Mathematical Scientists	2	2	0	0	0
Urban & Regional Planners	2	2	0	0	0
Psychologists	66	71	5	4	9
All Other Social Scientists	166	178	12	11	23
Social Workers, Exc. Medical & Psychiatric	37	40	3	6	9
Nursing Instructors	62	67	5	5	10
Graduate Assistants, Teaching	1,428	1,534	106	154	260
Life Science Teachers	727	781	54	74	128
Chemistry	30	32	2	2	4
Physics Teachers	34	37	3	3	6
All Other Physical Science Teachers	50	54	4	5	9
Social Science Teachers	212	228	16	16	32
Health Specialties Teachers	121	130	9	11	20
English & Foreign Language Teachers	127	136	9	14	23
Art, Drama, & Music Teachers	96	103	7	13	20
Engineering Teachers	211	227	16	43	59
Mathematical Science Teachers	60	64	4	4	8
Computer Science Teachers	47	51	4	1	5
All Other Postsecondary Teachers	412	443	31	49	80
Teachers, Preschool & Kindergarten	222	238	16	44	60
Teachers, Elementary School	3,058	3,284	226	615	841
Teachers, Secondary School	1,654	1,776	122	216	338
Teachers, Special Education	255	274	19	51	70
Teachers & Instructors, Voc. Ed. & Training	1,032	1,108	76	162	238
Instructors, Nonvocational Education	348	374	26	35	61
Instructors & Coaches, Sports & Physical Trng.	141	151	10	14	24
Farm & Home Management Advisors	69	74	5	8	13
All Other Teachers & Instructors	410	440	30	88	118
Librarians, Professional	226	243	17	52	69
Technical Assistants, Library	86	92	6	20	26
Audio-Visual Specialists	19	20	1	2	3

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

PIMA COUNTY (CONTD.)

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Vocational & Educational Counselors	194	208	14	26	40
Instructional Coordinators	39	42	3	3	6
Teacher Aides, Paraprofessional	105	113	8	10	18
Speech Pathologists & Audiologists	76	81	5	11	16
Registered Nurses	174	187	13	37	50
Licensed Practical Nurses	19	20	1	4	5
Dietitians & Nutritionists	6	6	0	0	0
All Other Health Professionals, Paraprofessionals, & Technicians	794	853	59	123	182
Writers & Editors	32	34	2	5	7
Athletes, Coaches, Umpires, & Related Workers	2	2	0	0	0
All Other Professional, Paraprofessional, & Technical Workers	175	188	13	17	30
SALES & RELATED OCCUPATIONS	174	187	13	28	41
Other Sales Representatives, Exc. Retail	15	16	1	1	2
Salespersons, Retail	33	35	2	2	4
Cashiers	119	128	9	25	34
All Other Sales & Related Workers	7	8	1	0	1
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	3,576	3,839	263	696	959
First Line Supers.-Clerical & Admin. Support	191	206	15	24	39
Library Assistants & Bookmobile Drivers	116	124	8	11	19
Teacher Aides & Ed. Assistants, Clerical	532	571	39	102	141
Secretaries	1,340	1,439	99	335	434
Stenographers	99	106	7	22	29
Receptionists & Information Clerks	20	22	2	3	5
Typists	177	190	13	48	61
Typists, Word Processing Equipment	28	30	2	4	6
Personnel Clerks, Exc. Payroll & Timekeeping	22	24	2	6	8
Correspondence Clerks	2	2	0	0	0
File Clerks	29	31	2	7	9
Bookkeeping, Accounting, & Auditing Clerks	244	262	18	49	67
Payroll & Timekeeping Clerks	18	20	2	2	4
Billing, Cost & Rate Clerks	43	47	4	9	13
General Office Clerks	182	195	13	39	52
Duplicating Machine Operators	3	3	0	0	0
Computer Operators, Exc. Peripheral Equipment	27	29	2	2	4
Data Entry Keyers, Exc. Composing	75	80	5	6	11
All Other Office Machine Operators	6	6	0	1	1
Switchboard Operators	44	47	3	12	15
Mail Clerks, Exc. Mail Machine Operators & Postal Service	23	25	2	3	5
Stock Clerks - Stockroom, Warehouse, or Yard	56	60	4	4	8
Traffic, Shipping, & Receiving Clerks	38	41	3	3	6
All Other Material Recording/Scheduling/Dist.	22	23	1	1	2
All Other Clerical & Administrative Support	239	256	17	3	20
SERVICE OCCUPATIONS	2,851	3,062	211	480	691
First Line Supers. & Mgrs./Supers. - Service	211	226	15	42	57
Crossing Guards	126	135	9	53	62
Guards & Watch Guards	68	73	5	2	7
All Other Protective Service Workers	369	396	27	49	76
Dining Room/Cafeteria Attends. & Bartdr. Helpers	241	259	18	11	29
Counter Attendants - Lunchroom, Coffee Shop, & Cafeteria	314	337	23	71	94
Cooks, Institution or Cafeteria	72	78	6	10	16
Food Preparation Workers	187	201	14	34	48
All Other Food Service Workers	10	11	1	1	2
Nursing Aides, Orderlies, & Attendants	74	80	6	15	21
Janitors & Cleaners, Exc. Maids & Housekeeping	947	1,017	70	142	212
Child Care Workers	33	35	2	9	11
All Other Service Workers	199	214	15	41	56

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

PIMA COUNTY (CONTD.)

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	208	223	15	30	45
Gardeners & Groundskeepers, Exc. Farm	138	148	10	21	31
All Other Agri., Forestry, Fishing, & Related	70	75	5	9	14
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	1,310	1,406	96	102	198
First Line Managers/Supervisors - Mechanics/ Installers/Repairers	29	31	2	2	4
First Line Managers/Supervisors - Construction Trades & Extraction Workers	11	12	1	1	2
All Other First Line Managers/Supervisors - Maintenance/Production/Construction	18	20	2	2	4
Inspectors & Related Occupations	4	4	0	0	0
Maintenance Repairers, General Utility	78	83	5	4	9
Automotive Mechanics	30	32	2	1	3
Bus & Truck Mechs., & Diesel Eng. Specialists	37	40	3	1	4
All Other Mechanics, Installers, & Repairers	175	188	13	11	24
Carpenters	35	38	3	3	6
Electricians	33	36	3	1	4
Painters & Paperhangers - Construction & Maintenance	32	34	2	2	4
Plumbers, Pipefitters, & Steamfitters	32	34	2	2	4
All Other Construction & Extraction Workers, Exc. Helpers	20	22	2	2	4
Precision Production Occupations	58	62	4	3	7
Machine Setters, Operatives, & Tenders	20	21	1	1	2
Hand Working, Inc. Assemblers & Fabricators	5	5	0	0	0
Plant & System Occupations	24	26	2	2	4
Truck Drivers, Light - Incl. Delivery & Route	34	36	2	1	3
Bus Drivers, School	438	470	32	48	80
All Other Transportation & Related Workers	10	11	1	0	1
Industrial Truck & Tractor Operators	17	19	2	0	2
Helpers, Laborers, & Material Movers, Hand	170	182	12	15	27
TOTAL OF ALL OCCUPATIONS	23,820	25,575	1,755	3,557	5,312

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

PINAL COUNTY

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	116	132	16	13	29
Financial Managers	2	2	0	0	0
Personnel, Training, & Labor Relations Mgrs.	1	1	0	0	0
Purchasing Managers	1	1	0	0	0
Marketing, Advertising, & Public Rel. Mgrs.	1	1	0	0	0
Administrative Services Managers	1	1	0	0	0
Engineering, Math, & Natural Sciences Managers	1	1	0	0	0
Education Administrators	72	84	12	10	22
Construction Managers	2	2	0	0	0
Transportation, Communications, & Utilities Operations Managers	2	2	0	0	0
Food Service & Lodging Managers	2	2	0	0	0
General Managers & Top Executives	29	33	4	3	7
All Other Managers & Administrators	2	2	0	0	0
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	1,858	2,147	289	307	596
Accountants & Auditors	2	2	0	0	0
Purchasing Agents, Exc. Wholesale, Retail, & Farm	1	1	0	0	0
All Other Management Support Workers	2	2	0	0	0
Systems Analysts, Electronic Data Processing	1	1	0	0	0
Computer Programmers	2	2	0	0	0
Psychologists	19	22	3	1	4
Social Workers, Exc. Medical & Psychiatric	3	3	0	0	0
Nursing Instructors	5	6	1	0	1
Life Science Teachers	4	5	1	0	1
Chemistry Teachers	1	1	0	0	0
All Other Physical Science Teachers	2	2	0	0	0
Social Science Teachers	27	31	4	2	6
Health Specialties Teachers	6	7	1	0	1
English & Foreign Language Teachers	19	22	3	2	5
Art, Drama, & Music Teachers	22	25	3	3	6
Engineering Teachers	16	19	3	3	6
Mathematical Science Teachers	8	9	1	0	1
Computer Science Teachers	9	10	1	0	1
All Other Postsecondary Teachers	66	76	10	8	18
Teachers, Preschool & Kindergarten	3	3	0	0	0
Teachers, Elementary School	917	1,062	145	188	333
Teachers, Secondary School	409	474	65	54	119
Teachers, Special Education	94	109	15	19	34
Teachers & Instructors, Voc. Ed. & Training	109	126	17	16	33
Librarians, Professional	19	22	3	3	6
Technical Assistants, Library	1	1	0	0	0
Audio-Visual Specialists	4	5	1	0	1
Vocational & Educational Counselors	26	30	4	2	6
Instructional Coordinators	5	6	1	0	1
Teacher Aides, Paraprofessional	29	33	4	2	6
Speech Pathologists & Audiologists	7	8	1	1	2
Registered Nurses	15	17	2	3	5
Licensed Practical Nurses	2	2	0	0	0
All Other Health Professionals, Paraprofessionals, & Technicians	1	1	0	0	0
Athletes, Coaches, Umpires, & Related Workers	1	1	0	0	0
All Other Professional, Paraprofessional, & Technical Workers	1	1	0	0	0
SALES & RELATED OCCUPATIONS	11	12	1	1	2
Other Sales Representatives, Exc. Retail	1	1	0	0	0
Cashiers	8	9	1	1	2
All Other Sales & Related Workers	2	2	0	0	0
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	567	653	86	107	193
First Line Supers.-Clerical & Admin. Support	7	8	1	0	1

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

PINAL COUNTY (CONTD.)

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Library Assistants & Bookmobile Drivers	22	25	3	1	4
Teacher Aides & Ed. Assistants, Clerical	326	378	52	64	116
Secretaries	150	174	24	38	62
Receptionists & Information Clerks	5	5	0	0	0
Typists	5	6	1	1	2
Personnel Clerks, Exc. Payroll & Timekeeping	1	1	0	0	0
Bookkeeping, Accounting, & Auditing Clerks	18	21	3	2	5
Payroll & Timekeeping Clerks	7	8	1	1	2
General Office Clerks	6	6	0	0	0
Duplicating Machine Operators	1	1	0	0	0
Computer Operators, Exc. Peripheral Equipment	1	1	0	0	0
Peripheral EDP Equipment Operators	1	1	0	0	0
Switchboard Operators	3	3	0	0	0
Mail Clerks, Exc. Mail Machine Operators & Postal Service	1	1	0	0	0
Stock Clerks - Stockroom, Warehouse, or Yard	8	9	1	0	1
All Other Material Recording/Scheduling/Dist.	2	2	0	0	0
All Other Clerical & Administrative Support	3	3	0	0	0
SERVICE OCCUPATIONS	447	517	70	76	146
First Line Supers. & Mgrs./Supers. - Service	33	38	5	6	11
Crossing Guards	11	13	2	4	6
All Other Protective Service Workers	4	5	1	0	1
Counter Attendants - Lunchroom, Coffee Shop, & Cafeteria	83	96	13	19	32
Cooks, Institution or Cafeteria	64	74	10	10	20
Food Preparation Workers	28	32	4	5	9
All Other Food Service Workers	2	2	0	0	0
Maids & Housekeeping Cleaners	2	2	0	0	0
Janitors & Cleaners, Exc. Maids & Housekeeping	214	248	34	32	66
All Other Cleaning/Building Service, Exc. Private House	5	6	1	0	1
Child Care Workers	1	1	0	0	0
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	4	5	1	0	1
Gardeners & Groundskeepers, Exc. Farm	4	5	1	0	1
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	206	238	32	19	51
First Line Managers/Supervisors - Mechanics/ Installers/Repairers	1	1	0	0	0
All Other First Line Managers/Supervisors - Maintenance/Production/Construction	4	4	0	0	0
Maintenance Repairers, General Utility	19	22	3	1	4
Bus & Truck Mechs., & Diesel Eng. Specialists	5	6	1	0	1
Carpenters	1	1	0	0	0
Electricians	1	1	0	0	0
All Other Construction & Extraction Workers, Exc. Helpers	5	6	1	0	1
Machine Setters, Operatives, & Tenders	1	1	0	0	0
Truck Drivers, Light - Incl. Delivery & Route	1	1	0	0	0
Bus Drivers, School	163	189	26	18	44
All Other Transportation & Related Workers	5	6	1	0	1
TOTAL OF ALL OCCUPATIONS	3,209	3,704	495	523	1,018

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

SANTA CRUZ COUNTY

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	24	28	4	2	6
Financial Managers	1	1	0	0	0
Personnel, Training, & Labor Relations Mgrs.	1	1	0	0	0
Education Administrators	18	21	3	2	5
General Managers & Top Executives	4	5	1	0	1
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	363	418	55	59	114
Accountants & Auditors	1	1	0	0	0
Purchasing Agents, Exc. Wholesale, Retail, & Farm	1	1	0	0	0
All Other Management Support Workers	5	6	1	0	1
Computer Programmers	1	1	0	0	0
Psychologists	3	3	0	0	0
Social Workers, Exc. Medical & Psychiatric	1	1	0	0	0
Teachers, Preschool & Kindergarten	22	25	3	4	7
Teachers, Elementary School	191	221	30	39	69
Teachers, Secondary School	78	90	12	10	22
Teachers, Special Education	17	20	3	3	6
Instructors, Nonvocational Education	4	5	1	0	1
Instructors & Coaches, Sports & Physical Trng.	3	3	0	0	0
Librarians, Professional	5	6	1	1	2
Audio-Visual Specialists	1	1	0	0	0
Vocational & Educational Counselors	6	7	1	0	1
Teacher Aides, Paraprofessional	13	15	2	1	3
Speech Pathologists & Audiologists	3	3	0	0	0
Registered Nurses	7	8	1	1	2
Athletes, Coaches, Umpires, & Related Workers	1	1	0	0	0
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	110	127	17	21	38
First Line Supers.-Clerical & Admin. Support	1	1	0	0	0
Teacher Aides & Ed. Assistants, Clerical	66	76	10	13	23
Secretaries	5	6	1	1	2
Bookkeeping, Accounting, & Auditing Clerks	7	8	1	1	2
General Office Clerks	27	31	4	6	10
Stock Clerks - Stockroom, Warehouse, or Yard	4	5	1	0	1
SERVICE OCCUPATIONS	47	53	6	6	12
First Line Supers. & Mgrs./Supers. - Service	3	3	0	0	0
Guards & Watch Guards	3	3	0	0	0
Cooks, Institution or Cafeteria	1	1	0	0	0
Food Preparation Workers	1	1	0	0	0
Janitors & Cleaners, Exc. Maids & Housekeeping	39	45	6	6	12
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	1	1	0	0	0
Gardeners & Groundskeepers, Exc. Farm	1	1	0	0	0
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	37	43	6	1	7
Maintenance Repairers, General Utility	13	15	2	0	2
Bus & Truck Mechs., & Diesel Eng. Specialists	4	5	1	0	1
Carpenters	1	1	0	0	0
Electricians	1	1	0	0	0
Painters & Paperhangers - Construction & Maintenance	1	1	0	0	0
Plumbers, Pipefitters, & Steamfitters	1	1	0	0	0
Bus Drivers, School	16	19	3	1	4
TOTAL OF ALL OCCUPATIONS	582	670	88	89	177

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

YAVAPAI COUNTY

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	124	142	18	11	29
Financial Managers	10	12	2	0	2
Personnel, Training, & Labor Relations Mgrs.	2	2	0	0	0
Marketing, Advertising, & Public Rel. Mgrs.	4	4	0	0	0
Administrative Services Managers	2	2	0	0	0
Education Administrators	73	85	12	9	21
Food Service & Lodging Managers	2	2	0	0	0
General Managers & Top Executives	20	22	2	1	3
All Other Managers & Administrators	11	13	2	1	3
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	1,450	1,675	225	203	428
Accountants & Auditors	9	10	1	0	1
Budget Analysts	1	1	0	0	0
Purchasing Agents, Exc. Wholesale, Retail, & Farm	5	5	0	0	0
All Other Management Support Workers	6	7	1	0	1
Engineering & Related Techs.	1	1	0	0	0
Systems Analysts, Electronic Data Processing	3	3	0	0	0
Computer Programmers	3	3	0	0	0
Computer Programmer Aides	2	2	0	0	0
Psychologists	6	7	1	0	1
Nursing Instructors	21	24	3	2	5
Life Science Teachers	2	2	0	0	0
Chemistry Teachers	20	23	3	1	4
Physics Teachers	15	17	2	1	3
All Other Physical Science Teachers	1	1	0	0	0
Social Science Teachers	44	51	7	3	10
English & Foreign Language Teachers	64	74	10	7	17
Art, Drama, & Music Teachers	42	49	7	6	13
Engineering Teachers	54	53	9	11	20
Mathematical Science Teachers	24	28	4	1	5
Computer Science Teachers	24	28	4	1	5
All Other Postsecondary Teachers	55	64	9	6	15
Teachers, Preschool & Kindergarten	53	61	8	10	18
Teachers, Elementary School	434	503	69	89	158
Teachers, Secondary School	281	325	44	37	81
Teachers, Special Education	11	13	2	2	4
Teachers & Instructors, Voc. Ed. & Training	16	18	2	2	4
Instructors, Nonvocational Education	16	19	3	1	4
Instructors & Coaches, Sports & Physical Trng.	53	62	9	4	13
All Other Teachers & Instructors	3	3	0	0	0
Librarians, Professional	15	18	3	3	6
Technical Assistants, Library	3	3	0	0	0
Audio-Visual Specialists	2	2	0	0	0
Vocational & Educational Counselors	26	30	4	3	7
Instructional Coordinators	8	9	1	0	1
Teacher Aides, Paraprofessional	93	108	15	8	23
Registered Nurses	25	29	4	5	9
Licensed Practical Nurses	2	2	0	0	0
All Other Health Professionals, Paraprofessionals, & Technicians	3	3	0	0	0
Writers & Editors	1	1	0	0	0
All Other Professional, Paraprofessional, & Technical Workers	3	3	0	0	0
SALES & RELATED OCCUPATIONS	13	14	1	0	1
Salespersons, Retail	4	4	0	0	0
Cashiers	6	7	1	0	1
All Other Sales & Related Workers	3	3	0	0	0
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	313	357	44	54	98
First Line Supers.-Clerical & Admin. Support	4	4	0	0	0
Library Assistants & Bookmobile Drivers	24	27	3	1	4

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

YAVAPAI COUNTY (CONTD.)

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
Teacher Aides & Ed. Assistants, Clerical Secretaries	63	73	10	12	22
Typists	135	156	21	32	53
Typists, Word Processing Equipment	2	2	0	0	0
Bookkeeping, Accounting, & Auditing Clerks	3	3	0	0	0
Payroll & Timekeeping Clerks	27	31	4	5	9
General Office Clerks	2	2	0	0	0
Computer Operators, Exc. Peripheral Equipment	19	22	3	4	7
Data Entry Keyers, Exc. Composing	2	2	0	0	0
Switchboard Operators	2	2	0	0	0
Traffic, Shipping, & Receiving Clerks	6	6	0	0	0
All Other Material Recording/Scheduling/Dist.	5	5	0	0	0
All Other Clerical & Administrative Support	1	1	0	0	0
	18	21	3	0	3
SERVICE OCCUPATIONS	262	303	41	33	74
First Line Supers. & Mgrs./Supers. - Service	11	13	2	2	4
Crossing Guards	1	1	0	0	0
Guards & Watch Guards	21	24	3	0	3
All Other Protective Service Workers	32	37	5	4	9
Dining Room/Cafeteria Attndts. & Bartdr. Helpers	11	13	2	0	2
Counter Attendants - Lunchroom, Coffee Shop, & Cafeteria	20	23	3	4	7
Cooks, Institution or Cafeteria	25	29	4	3	7
Food Preparation Workers	38	44	6	7	13
All Other Food Service Workers	1	1	0	0	0
Nursing Aides, Orderlies, & Attendants	4	5	1	0	1
Maids & Housekeeping Cleaners	5	6	1	1	2
Janitors & Cleaners, Exc. Maids & Housekeeping	90	104	14	12	26
All Other Service Workers	3	3	0	0	0
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	29	34	5	3	8
Gardeners & Groundskeepers, Exc. Farm	24	28	4	3	7
All Other Agri., Forestry, Fishing, & Related	5	6	1	0	1
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	162	185	23	12	35
First Line Managers/Supervisors - Mechanics/Installers/Repairers	1	1	0	0	0
All Other First Line Managers/Supervisors - Maintenance/Production/Construction	11	12	1	1	2
Maintenance Repairers, General Utility	60	69	9	4	13
Bus & Truck Mechs., & Diesel Eng. Specialists	8	9	1	0	1
Carpenters	7	8	1	0	1
Electricians	2	2	0	0	0
Machine Setters, Operatives, & Tenders	1	1	0	0	0
Hand Working, Inc. Assemblers & Fabricators	2	2	0	0	0
Bus Drivers, School	69	80	11	7	18
All Other Transportation & Related Workers	1	1	0	0	0
TOTAL OF ALL OCCUPATIONS	2,353	2,710	357	316	673

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

YUMA COUNTY

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
MANAGERIAL & ADMINISTRATIVE OCCUPATIONS	111	127	16	11	27
Financial Managers	5	6	1	0	1
Personnel, Training, & Labor Relations Mgrs.	2	2	0	0	0
Purchasing Managers	1	1	0	0	0
Marketing, Advertising, & Public Rel. Mgrs.	2	2	0	0	0
Administrative Services Managers	2	2	0	0	0
Education Administrators	74	86	12	10	22
Construction Managers	2	2	0	0	0
Food Service & Lodging Managers	2	2	0	0	0
General Managers & Top Executives	9	10	1	0	1
All Other Managers & Administrators	12	14	2	1	3
PROFESSIONAL, PARAPROFESSIONAL, & TECHNICAL	1,364	1,574	210	215	425
Accountants & Auditors	7	8	1	0	1
All Other Financial Specialists	1	1	0	0	0
Purchasing Agents, Exc. Wholesale, Retail, & Farm	1	1	0	0	0
Personnel, Training, & Labor Rel. Specialists	1	1	0	0	0
All Other Management Support Workers	17	19	2	1	3
Physical & Life Science Techs.	2	2	0	0	0
Systems Analysts, Electronic Data Processing	2	2	0	0	0
Computer Programmers	2	2	0	0	0
Psychologists	10	12	2	0	2
Nursing Instructors	7	8	1	0	1
Graduate Assistants, Teaching	1	1	0	0	0
Life Science Teachers	1	1	0	0	0
Chemistry Teachers	3	3	0	0	0
Social Science Teachers	9	10	1	0	1
Health Specialties Teachers	4	5	1	0	1
English & Foreign Language Teachers	12	14	2	1	3
Art, Drama, & Music Teachers	7	8	1	1	2
Engineering Teachers	1	1	0	0	0
Mathematical Science Teachers	12	14	2	0	2
All Other Postsecondary Teachers	26	30	4	3	7
Teachers, Preschool & Kindergarten	26	30	4	5	9
Teachers, Elementary School	588	681	93	120	213
Teachers, Secondary School	284	329	45	37	82
Teachers, Special Education	107	124	17	21	38
Teachers & Instructors, Voc. Ed. & Training	28	32	4	4	8
Instructors, Nonvocational Education	107	124	17	11	28
Instructors & Coaches, Sports & Physical Trng.	3	3	0	0	0
Librarians, Professional	11	13	2	2	4
Technical Assistants, Library	2	2	0	0	0
Audio-Visual Specialists	3	3	0	0	0
Vocational & Educational Counselors	15	17	2	1	3
Instructional Coordinators	2	2	0	0	0
Teacher Aides, Paraprofessional	31	36	5	3	8
Speech Pathologists & Audiologists	2	2	0	0	0
Registered Nurses	27	31	4	5	9
All Other Professional, Paraprofessional, & Technical Workers	2	2	0	0	0
SALES & RELATED OCCUPATIONS	2	2	0	0	0
Salespersons, Retail	2	2	0	0	0
CLERICAL & ADMINISTRATIVE SUPPORT OCCUPATIONS	424	490	66	83	149
Library Assistants & Bookmobile Drivers	4	5	1	0	1
Teacher Aides & Ed. Assistants, Clerical	252	292	40	49	89
Secretaries	85	99	14	21	35
Typists	2	2	0	0	0
Bookkeeping, Accounting, & Auditing Clerks	29	33	4	5	9
Payroll & Timekeeping Clerks	2	2	0	0	0
Billing, Cost & Rate Clerks	1	1	0	0	0

ESTIMATED EMPLOYMENT AND JOB OPENINGS

EDUCATIONAL SERVICES

YUMA COUNTY (CONTD.)

	ESTIMATED APRIL 1985 EMPLOYMENT	PROJECTED APRIL 1989 EMPLOYMENT	JOB OPENINGS DUE TO GROWTH 1985-1989	JOB OPENINGS DUE TO SEPARATIONS 1985-1989	TOTAL JOB OPENINGS 1985-1989
General Office Clerks	33	38	5	7	12
Computer Operators, Exc. Peripheral Equipment	2	2	0	0	0
Data Entry Keyers, Exc. Composing	1	1	0	0	0
Switchboard Operators	5	6	1	1	2
Stock Clerks - Stockroom, Warehouse, or Yard	5	6	1	0	1
All Other Clerical & Administrative Support	3	3	0	0	0
SERVICE OCCUPATIONS	340	392	52	59	111
First Line Supers. & Mgrs./Supers. - Service	16	19	3	2	5
Crossing Guards	3	3	0	1	1
Guards & Watch Guards	9	11	2	0	2
Counter Attendants - Lunchroom, Coffee Shop, & Cafeteria	147	170	23	34	57
Cooks, Institution or Cafeteria	9	10	1	1	2
Food Preparation Workers	2	2	0	0	0
Nursing Aides, Orderlies, & Attendants	2	2	0	0	0
Janitors & Cleaners, Exc. Maids & Housekeeping	147	170	23	21	44
Child Care Workers	2	2	0	0	0
All Other Service Workers	3	3	0	0	0
AGRICULTURAL, FORESTRY, & RELATED OCCUPATIONS	16	19	3	1	4
Gardeners & Groundskeepers, Exc. Farm	16	19	3	1	4
PRODUCTION, MAINTENANCE, & MATERIAL HANDLING	138	158	20	10	30
First Line Managers/Supervisors - Mechanics/ Installers/Repairers	6	7	1	0	1
All Other First Line Managers/Supervisors - Maintenance/Production/Construction	2	2	0	0	0
Maintenance Repairers, General Utility	20	23	3	1	4
Automotive Mechanics	2	2	0	0	0
Bus & Truck Mechs., & Diesel Eng. Specialists	11	13	2	0	2
All Other Mechanics, Installers, & Repairers	7	8	1	0	1
Carpenters	2	2	0	0	0
Electricians	1	1	0	0	0
Plant & System Occupations	1	1	0	0	0
Bus Drivers, School	84	97	13	9	22
Helpers, Laborers, & Material Movers, Hand	2	2	0	0	0
TOTAL OF ALL OCCUPATIONS	2,395	2,762	367	379	746



METHODOLOGY

Sample Selection and Response Rates

Occupational estimates for educational services were developed from a survey of employers throughout the state. Employers who were asked to participate in the survey were selected from a master employer file of firms doing business in Arizona, using standardized sampling techniques. A sample of establishments employing from four to 249 employees and all establishments having 250 or more employees were surveyed. The entire sample was composed of 362 firms with a usable response rate of 95 percent.

Employment Projections

Projecting occupational employment and demand is accomplished in two basic stages. First, total educational services employment is estimated for the target years. These forecasts are computed using an econometric model driven by forecast values for variables such as national unemployment, interest rates, and industrial production. Staffing pattern ratios, as determined by the OES survey, are then applied to the industry employment projections--representing the second stage of the forecasting methodology.

Job Openings

"Total Job Openings" represents the sum of openings resulting from expansion and replacement during the projection period. Expansion is the numerical difference in employment for a given period. Replacement represents job openings that transpire due to separations from the labor force, i.e., death, retirement, and pregnancy. The "Total Job Openings" column does not account for labor turnover, i.e., openings created when a worker changes jobs, leaving the job to be filled by someone else. These vacancies are generally the largest source of job openings.

Limitations of the Data

The projection method does not account for cyclical, seasonal, and such external factors as sudden discontinuations or initiations of major government programs.

Employment forecasts for the nonmetropolitan counties are based on growth rates developed for the "balance of state" (Arizona less Maricopa and Pima counties) rather than for individual counties.

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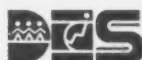
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